

CLAIMS

1. A fire control system of an elevator which rescues remainders in a building to an evacuation floor by causing an elevator car to perform rescue operations when a fire detector installed in the building works, characterized in that the fire control system of an elevator comprises: individual identification sending means which each individual who utilizes the elevator carries and in which identification information of each individual is registered; individual identification receiving means provided in each elevator hall; and a controller which calls an elevator car and performs car-call registration of a destination floor on the basis of information sent from the individual identification sending means to the individual identification receiving means, the controller including remainders -on-each-floor measuring means which calculates the number of remainders on each floor from car-call registration information of the destination floor, remainders -on-each-floor detecting means which detects the calculated number of remainders on each floor, and rescue operation means which performs rescue operations on the basis of the detected number of remainders on each floor.
2. A fire control system of an elevator which rescues remainders in a building to an evacuation floor by causing an elevator car to perform evacuating operations when a fire detector installed in the building works, which is characterized in that the fire control system of an elevator comprises: individual identification sending means which each individual who utilizes the elevator carries and in which a resident room number, a resident floor, information on characteristics of each individual, etc. are registered; individual identification receiving means provided in each elevator hall; and a controller which calls an elevator car and performs car-call registration of a destination floor on the

basis of information sent from the individual identification sending means to the individual identification receiving means, the controller including remainders -on-each-floor measuring means which calculates the number of remainders on each floor from car-call registration information of the destination floor and grasps personal characteristics of remainders, remainders -on-each-floor detecting means which detects the calculated number of remainders on each floor and the grasped personal characteristics of remainders, rescue operation means which performs rescue operations on the basis of the detected number of remainders on each floor, and evacuation guiding and direction giving means which performs evacuation guidance and giving directions during a fire on the basis of the grasped personal information of remainders.

3. The fire control system of an elevator according to claim 2, characterized in that evacuation guidance signs during a fire from the evacuation guiding and direction giving means are displayed in the individual identification sending means.
4. The fire control system of an elevator according to claim 2, characterized in that evacuation guidance signs during a fire from the evacuation guiding and direction giving means are displayed in an in-room indicator provided in a residential room.
5. The fire control system of an elevator according to claim 2, characterized in that the evacuation guiding and direction giving means which performs evacuation guidance and giving directions during a fire judges information on personal characteristics obtained from an individual identification sending device carried by an elevator user and outputs

optimum evacuation guidance and directions for each residential room, each floor and each individual identification sending means.